CLAIMS

What is claimed is:

| 1 | 1. | A calendar-based image asset organizer, comprising: | | |
|-----|--|--|--|--|
| 2 | | a user interface for designating at least one date range; | | |
| 3 | | an image date reader for determining a date associated with an | | |
| 4 | image; and | | | |
| 5 | | an image query manager for identifying images having an | | |
| 6 | associated date | within the at least one designated date range. | | |
| 1 | 2. | The calendar-based image asset organizer of claim 1, wherein the | | |
| 2 | user interface displays a calendar. | | | |
| 1 | 3. | The calendar-based image asset organizer of claim 1, wherein a | | |
| 2 | date range inclu | ides a date and time range, and wherein the date associated within | | |
| 3 | an image includ | an image includes a date and a time. | | |
| 1 | 4. | The calendar-based image asset organizer of claim 1, wherein the | | |
| 2 | date associated | with an image is a date stored by an image capture device within a | | |
| 3 | file header of a | file containing the image. | | |
| 1 | 5. | The calendar-based image asset organizer of claim 4, wherein the | | |
| 2 | file header is an Exchangeable Image File (EXIF) header. | | | |
| 1 | 6. | The calendar-based image asset organizer of claim 1, wherein the | | |
| 2 . | date associated | with an image is a file system date for a file containing the image. | | |
| 1 | 7. | The calendar-based image asset organizer of claim 6, wherein the | | |
| 2 | file system data | is a file's last modified date. | | |
| 1 | 8. | The calendar-based image asset organizer of claim 1, wherein the | | |
| 2 | | within an image is date entered manually by a user. | | |
| 1 | 9. | The calendar-based image asset organizer of claim 1, further | | |
| 2 | | display processor, for displaying representations of the images | | |
| 3 | having an associate dates within the designated at least one date range. | | | |

The calendar-based image asset organizer of claim 9, wherein the 1 10. 2 representations of the images are thumbnail representations. 1 11. The calendar-based image asset organizer of claim 9, wherein the 2 representations of the images are small-scale versions of the images. 1 12. The calendar-based image asset organizer of claim 1, wherein 2 said image query manager identifies the number of images having an associated 3 date within the designated at least one date range. The calendar-based image asset organizer of claim 12, further 1 13. 2 comprising a display processor for displaying the number of images having an 3 associated date within the designated at least one date range. The calendar-based image asset organizer of claim 1, wherein 1 14. 2 said image query manager comprises a relational database manager for storing 3 and retrieving image identifiers associated with specific dates. 1 15. The calendar-based image asset organizer of claim 14, wherein 2 the image identifiers include identifiers for file names. 1 16. The calendar-based image asset organizer of claim 14, wherein 2 the image identifiers include binary image data. 17. 1 The calendar-based image asset organizer of claim 16 wherein 2 the binary image data is pixel data for thumbnail representations of images. 1 18. The calendar-based image asset organizer of claim 14, wherein 2 the image identifiers include pointers to binary image data. 1 19. The calendar-based image asset organizer of claim 18 wherein 2 the binary image data is pixel data for thumbnail representations of images. 1 20. The calendar-based image asset organizer of claim 1, wherein

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retrieving image identifiers associated with specific dates.

said image query manager comprises a data structure manager for storing and

The calendar-based image asset organizer of claim 20, wherein 1 21. 2 the data structure is a tree. The calendar-based image asset organizer of claim 20, wherein 22. 1 2 the data structure is a linked list. The calendar-based image asset organizer of claim 20, wherein 23. 1 2 the data structure is a dynamic array. A method for organizing image assets, comprising: 24. 1 receiving at least one designated date range; 2 determining dates associated with images; and 3 identifying images having an associated date within the at least 4 5 one designated date range. The method of claim 24, further comprising displaying a 25. 1 2 calendar. The method of claim 24 wherein the date range includes a date 26. 1 and time range, and wherein the date associated within an image includes a date 3 and a time. The method of claim 24 wherein the date associated with an 1 27. image is a date stored by an image capture device within a file header of a file 2 3 containing the image. The method of claim 26 wherein the file header is an 1 28. Exchangeable Image File (EXIF) header. 2 The method of claim 24 wherein the date associated with an 29. 1 image is a file system date for a file containing the image. 2 The method of claim 29 wherein the file system date is a file's 30. 1 last modified date. 2

| 1 2 | 31. The method of claim 24 wherein the date associated within an image is a date entered manually by a user. |
|-------------|---|
| 1 2 3 | 32. The method of claim 24 further comprising displaying representations of the images having an associated date within the at least one designated date range. |
| 1 2 | 33. The method of claim 32 wherein the representations of the images are thumbnail representations. |
| 1 2 | 34. The method of claim 32 wherein the representations of the images are small-scale versions of the images. |
| 1 2 3 | 35. The method of claim 24 wherein said identifying identifies the number of images having an associated date within the at least one designated date range. |
| 1 2 3 | 36. The method of claim 35 further comprising displaying the number of images having an associated date within the at least one designated date range. |
| 1 2 | 37. The method of claim 24 further comprising storing and retrieving image identifiers associated with specific dates within a relational database. |
| 1 2 | 38. The method of claim 37 wherein the image identifiers include identifiers for file names. |
| 1 2 | 39. The method of claim 37 wherein the image identifiers include binary image data. |
| 1 2 | 40. The method of claim 39 wherein the binary image data is pixel data for thumbnail representations of images. |
| 1 2 | 41. The method of claim 37 wherein the image identifiers include pointers to binary image data. |

| 2 | data for the | data for thumbnail representations of images. | | |
|---|--------------|--|--|--|
| 1 | 43. | The method of claim 24 further comprising storing and retrieving | | |
| 2 | image iden | tifiers associated with specific dates within a data structure. | | |
| 1 | 44. | The method of claim 43 wherein the data structure is a tree. | | |
| 1 | 45. | The method of claim 43 wherein the data structure is a linked | | |
| 2 | list. | | | |
| 1 | 46. | The method of claim 43 wherein the data structure is a dynamic | | |
| 2 | array. | | | |
| 1 | 47. | A computer-readable storage medium storing program code for | | |
| 2 | causing a c | causing a computer to perform the steps of: | | |
| 3 | | receiving at least one designated date range; | | |
| 4 | | determining dates associated with images; and | | |
| 5 | | identifying images having an associated date within the at least | | |
| 6 | one design | one designated date range. | | |
| 1 | 48. | A calendar-based digital content organizer, comprising: | | |
| 2 | | a user interface for designating at least one date range; | | |
| 3 | | a date reader for determining a date associated with digital | | |
| 4 | content; an | ad . | | |
| 5 | | a query manager for identifying digital content having an | | |
| 6 | associated | date within the designated at least one date range. | | |
| 1 | 49. | The calendar-based digital content organizer of claim 48 wherein | | |
| 2 | the digital | content is digital video. | | |
| 1 | 50. | The calendar-based digital content organizer of claim 48 wherein | | |
| 2 | the digital | content is digital slide presentations. | | |
| 1 | 51. | The calendar-based digital content organizer of claim 48 wherein | | |
| 2 | the digital | content is digital image collections. | | |

The method of claim 41 wherein the binary image data is pixel

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42.

| 1 | 52. | The calendar-based digital content organizer of claim 48 wherein | |
|---|---|---|--|
| 2 | the digital conten | nt is digital animation. | |
| | | | |
| 1 | 53. | The calendar-based digital content organizer of claim 48 wherein | |
| 2 | the digital conten | nt is electronic documents. | |
| | | | |
| 1 | 54. | The calendar-based digital content organizer of claim 48 wherein | |
| 2 | the digital conte | | |
| | | | |
| 1 | 55. | A method for organizing digital content, comprising: | |
| 2 | | receiving at least one designated date range; | |
| 3 | | determining a date associated with digital content; and | |
| 4 | | identifying digital content having an associated date within the at | |
| 5 | least one designa | | |
| | | | |
| 1 | 56. | The method of claim 55 wherein the digital content is digital | |
| 2 | video. | The method of claim 25 wholem the digital content is digital | |
| _ | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| 1 | 57. | The method of claim 55 wherein the digital content is digital | |
| 2 | slide presentatio | The method of claim 55 wherein the digital content is digital | |
| 2 | since presentatio | 113. | |
| | 70 | | |
| 1 | 58. | The method of claim 55 wherein the digital content is digital | |
| 2 | image collections. | | |
| | | | |
| 1 | 59. | The method of claim 55 wherein the digital content is digital | |
| 2 | animation. | | |
| | | | |
| 1 | 60. | The method of claim 55 wherein the digital content is electronic | |
| 2 | documents. | | |
| | | | |
| 1 | 61. | The method of claim 55 wherein the digital content is e-mail. | |
| | | | |
| 1 | 62. | A computer-readable storage medium storing program code for | |
| 2 | | iter to perform the steps of: | |
| 3 | | receiving at least one designated date range; | |
| 4 | | determining a date associated with digital content; and | |
| | | | |

- 5 identifying digital content having an associated date within the at
- 6 least one designated date range.